

CLAIMS

1. A coating liquid for forming a hard coat film,
comprising a matrix-forming component and particles of
5 a composite metal oxide,

wherein the composite metal oxide particles are
composed of an iron oxide component and a titanium
oxide component, the weight ratio $\text{Fe}_2\text{O}_3/\text{TiO}_2$ being in
the range of 0.0005 to less than 0.005, provided that
10 Fe_2O_3 and TiO_2 represent the weight in terms of Fe_2O_3
of the iron oxide component and the weight in terms of
 TiO_2 of the titanium oxide component, respectively, and

wherein the composite metal oxide particles have
an average particle size ranging from 1 to 100 nm.

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2. A coating liquid for forming a hard coat film,
comprising a matrix-forming component and particles of
a composite metal oxide,

wherein the composite metal oxide particles are
20 composed of iron oxide, titanium oxide and silica, the
weight ratio $\text{Fe}_2\text{O}_3/\text{TiO}_2$ being in the range of 0.0005 to
less than 0.005, and the weight ratio $\text{SiO}_2/(\text{Fe}_2\text{O}_3 +$
 $\text{TiO}_2)$ being in the range of 0.001 to 1.0, provided that
 Fe_2O_3 , TiO_2 and SiO_2 represent the weight in terms of
25 Fe_2O_3 of iron oxide, the weight in terms of TiO_2 of

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titanium oxide and the weight in terms of SiO_2 of silica, respectively, and

wherein the composite metal oxide particles have an average particle size ranging from 1 to 100 nm.

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3. The coating liquid for forming a hard coat film as claimed in claim 1 ~~or 2~~, wherein the composite metal oxide particles have their surface modified with an organosilicon compound.

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4. A substrate coated with a hard coat film, which is formed by applying to the substrate surface the coating liquid for forming a hard coat film as claimed in ~~any~~ claim 1 ~~of claims 1 to 3~~.

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5. The substrate coated with a hard coat film as claimed in claim 4, wherein the hard coat film has its surface overcoated with an antireflection film.

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